

FORM PTO 1390
(REV 5-93)

US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NUMBER
2004-1437ATRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. §371U.S. APPLICATION NO.
(if known, see 37 CFR 1.5)
10/507,303International Application No.
PCT/JP03/02744International Filing Date
March 7, 2003Priority Date Claimed
March 11, 2002**Title of Invention**

BRUSH-LIKE STRUCTURED SURFACE OF POLY (ETHYLENE OXIDE) HAVING ELEVATED DENSITY

Applicant(s) For DO/EO/US

Kazunori KATAOKA, Yukio NAGASAKI, Hidenori OTSUKA, Katsumi UCHIDA, Tadahito TAKAHASHI and Miki KATO

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. §371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. §371.
3. ☐ This express request to begin national examination procedures (35 U.S.C. §371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. §371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☐ A copy of the International Application as filed (35 U.S.C. §371(c)(2))
 - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☒ A translation of the International Application into English (35 U.S.C. §371(c)(2)). **ATTACHMENT E**
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. §371(c)(3)).
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19.
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. §371(c)(4)). **ATTACHMENT F**
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. §371(c)(5)).


Items 11. to 14. below concern other document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.

ATTACHMENT G

13. ☐ A **FIRST** preliminary amendment.
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☐ Other items or information:

THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEE FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/507,303		INTERNATIONAL APPLICATION NO. PCT/JP03/02744		ATTORNEY'S DOCKET NO. 2004-1437A			
15. [X] The following fees are submitted BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)): Neither international preliminary examination fee nor international search fee paid to USPTO and International Search Report not prepared by the EPO or JPO \$1110.00 International Search Report has been prepared by the EPO or JPO \$ 950.00 International preliminary examination fee not paid to USPTO but international search paid to USPTO \$ 790.00 International preliminary examination fee paid to USPTO but claims did not satisfy provisions of PCT Article 33(1)-(4) \$ 690.00 International preliminary examination fee paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$ 100.00 ENTER APPROPRIATE BASIC FEE AMOUNT =				CALCULATIONS		PTO USE ONLY	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$130.00			
Claims		Number Filed		Number Extra		Rate	
Total Claims		-20 =				X \$18.00	
Independent Claims		- 3 =				X \$88.00	
Multiple dependent claim(s) (if applicable)				+ \$300.00		\$	
TOTAL OF ABOVE CALCULATIONS =				\$130.00			
<input type="checkbox"/> Small Entity Status is hereby asserted. Above fees are reduced by 1/2.				\$			
SUBTOTAL =				\$130.00			
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+		\$130.00	
TOTAL NATIONAL FEE =				\$260.00			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$40.00			
TOTAL FEES ENCLOSED =				\$300.00			
				Amount to be refunded		\$	
				Amount to be charged		\$	
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$300.00 to cover the above fees is enclosed. A duplicate copy of this form is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. 23-0975 in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-0975.</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>							
19. CORRESPONDENCE ADDRESS CUSTOMER NO. 000513 10/01/2004 GFREY1 00000136 10507303 01 F :1617 130.00 OP 02 F :1618 130.00 OP				By:  Matthew M. Jacob, Registration No. 25,154 WENDEROTH, LIND & PONACK, L.L.P. 2033 "K" Street, N.W., Suite 800 Washington, D.C. 20006-1021 Phone: (202) 721-8200 Fax: (202) 721-8250 October 7, 2004			

[CHECK NO. 64532]

[2004_1437A]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : **Confirmation No.**
 Kazunori KATAOKA et al. : **Mail Stop: PCT**
 Serial No. 10/507,303 : **Attorney Docket No. 2004-1437A**
 Filed September 10, 2004 :
 BRUSH-LIKE STRUCTURED SURFACE : THE COMMISSIONER IS AUTHORIZED
 OF POLY (ETHYLENE OXIDE) HAVING : TO CHARGE ANY DEFICIENCY IN THE
 ELEVATED DENSITY : FEE FOR THIS PAPER TO DEPOSIT
 [Corresponding to PCT/JP03/02744 : ACCOUNT NO. 23-0975.
 Filed March 7, 2003]

SUBMISSION OF EXECUTED DECLARATION AND ENGLISH TRANSLATION

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

Enclosed herewith are the required 1) Declaration and Power of Attorney; 2) English translation with Statement of Accuracy; and 3) replacement drawings in compliance with 37 C.F.R. §1.84.

Also enclosed is the PTO surcharge of \$260.00, required by 37 C.F.R. 1.16(e).
 Favorable action on the merits is now requested.

Respectfully submitted,

Kazunori KATAOKA et al.

By Matthew M. Jacob
 Matthew M. Jacob
 Registration No. 25,154
 Attorney for Applicants

MJ/gtg
 Washington, D.C. 20006-1021
 Telephone (202) 721-8200
 Facsimile (202) 721-8250
 October 7, 2004